

FREQUENCY SYNTHESIZER
400

PHASE LOCK LOOP (PLL) 401

VCO 407

LOOP FILTER 410

CHARGE PUMP 411

PHASE DETECTOR 409

DIVIDER 406

PHASE SPLITTER 415

OSC. 442

SIGMA DELTA MODULATOR 402

CONTROL WORD LOGIC CIRCUIT 403

CHANNEL SELECT 441

SIGMA DELTA MODULATOR OUTPUT SIGNAL 473

CONTROL WORD n

Output Signals: A05a, A05b, fS

Input: fosc

FIGURE 4

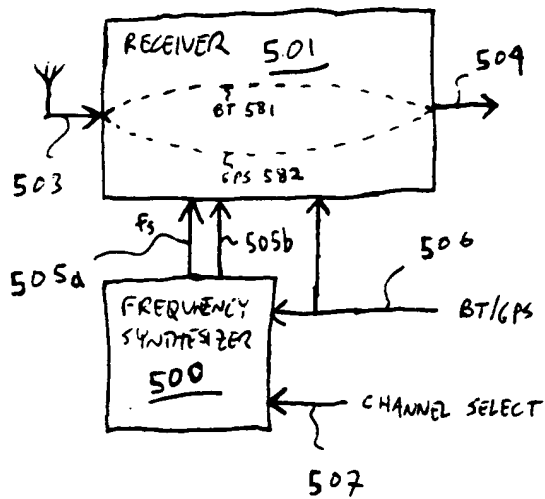


FIGURE 5A

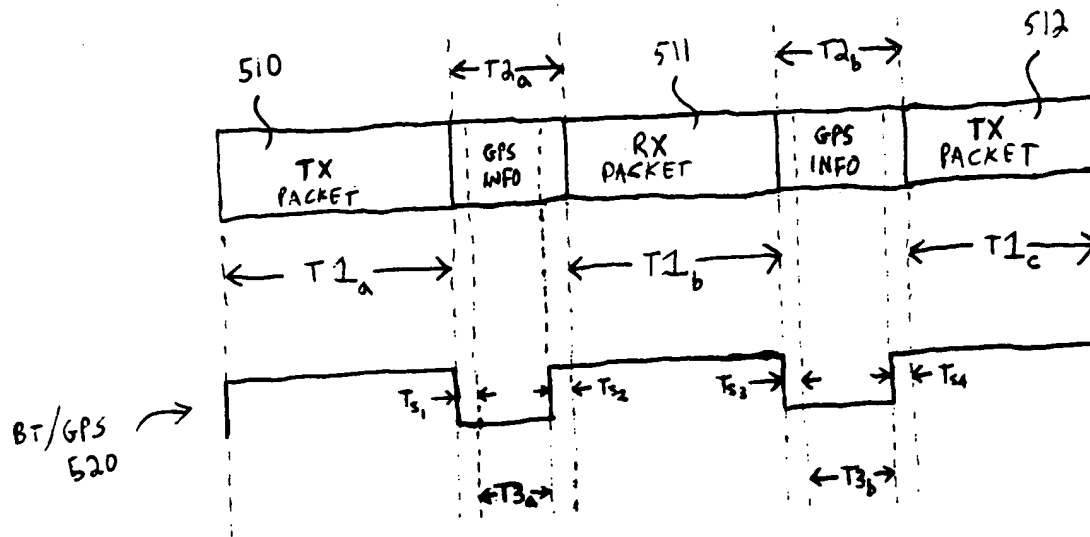


FIGURE 5B

004021 E946260

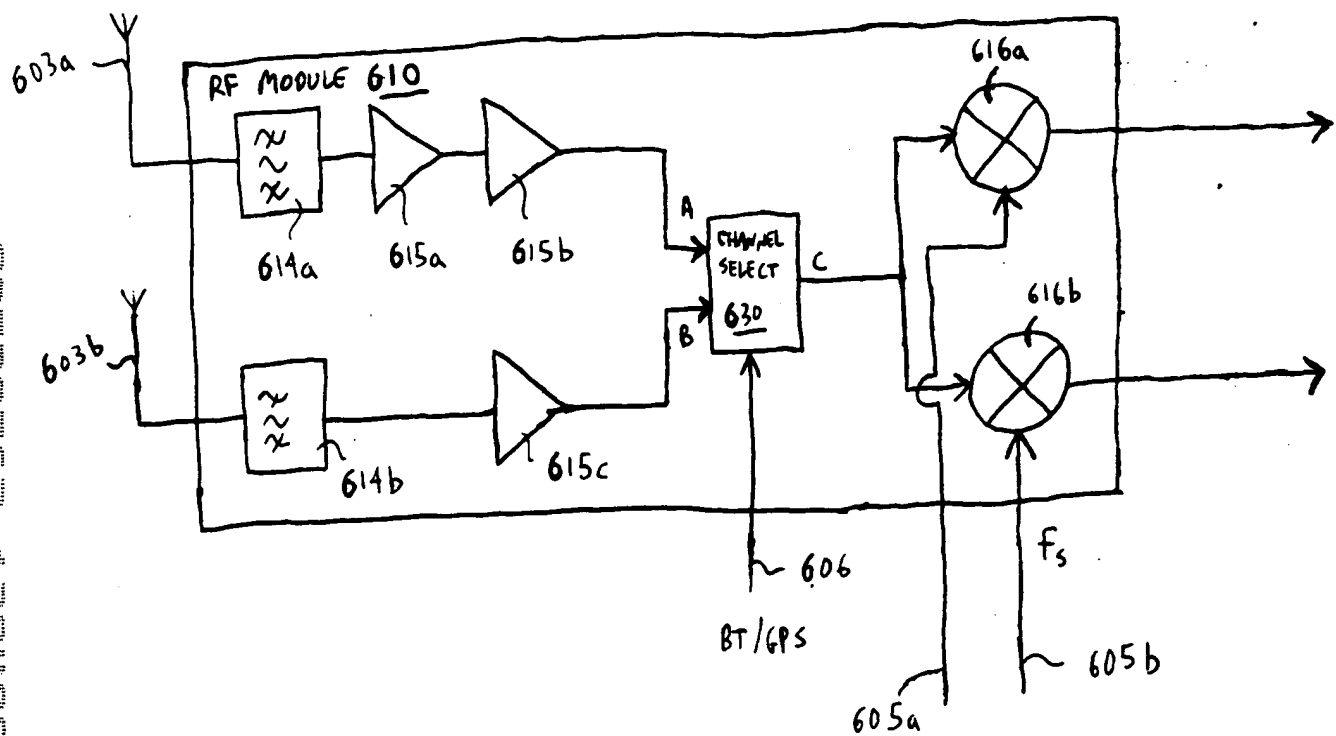


FIGURE 6

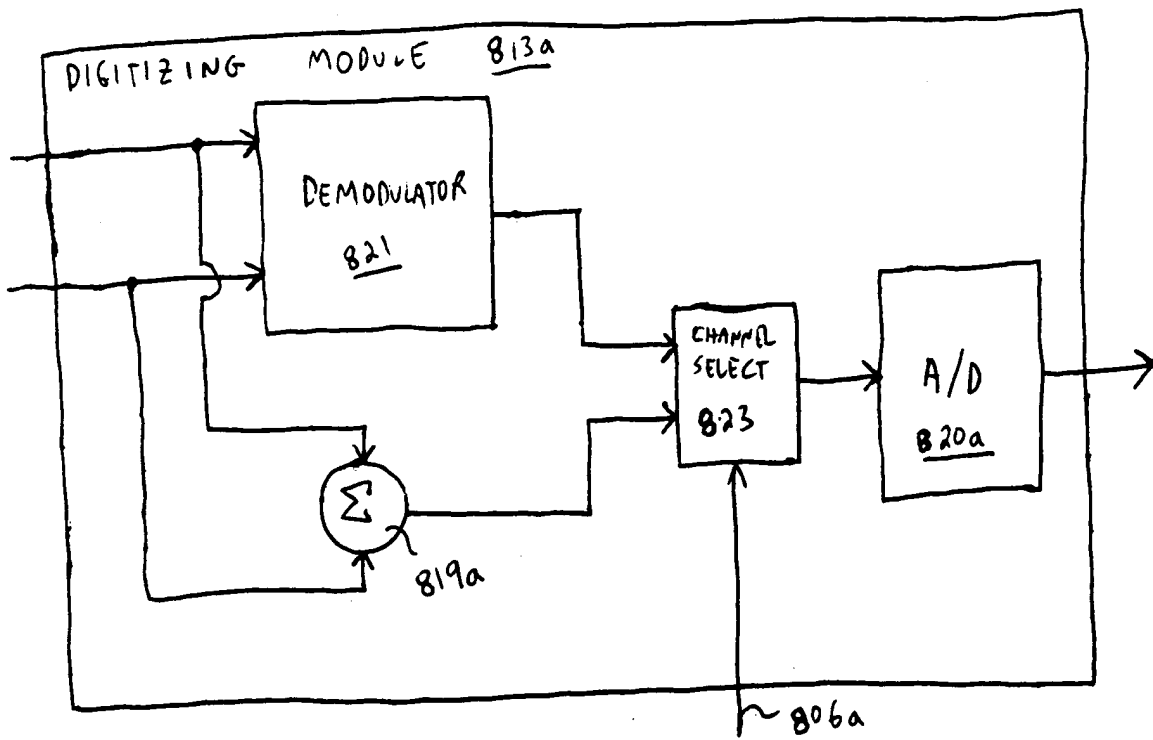


FIG. 8A BT/GPS

004027-2366260

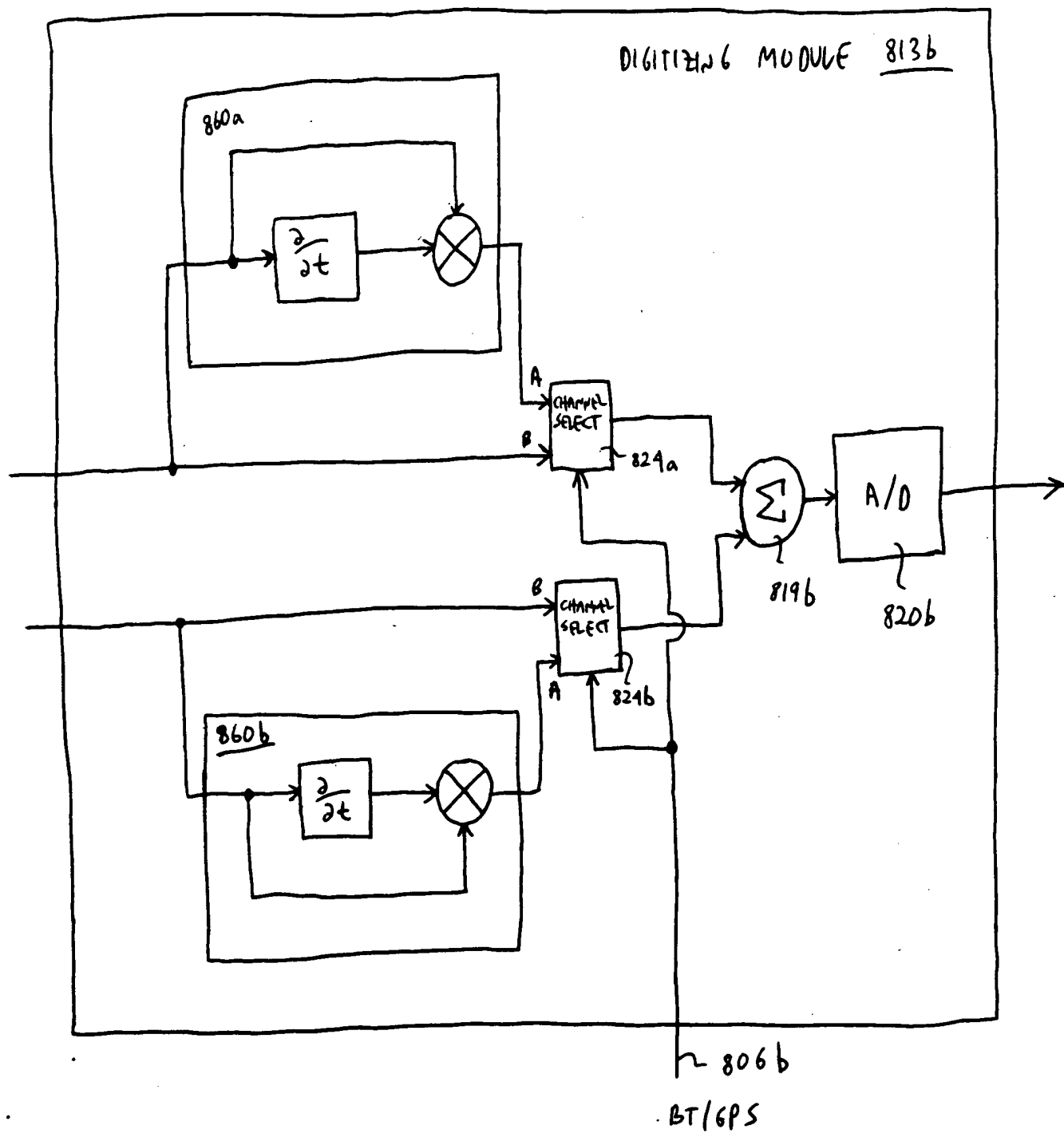


FIGURE 8B

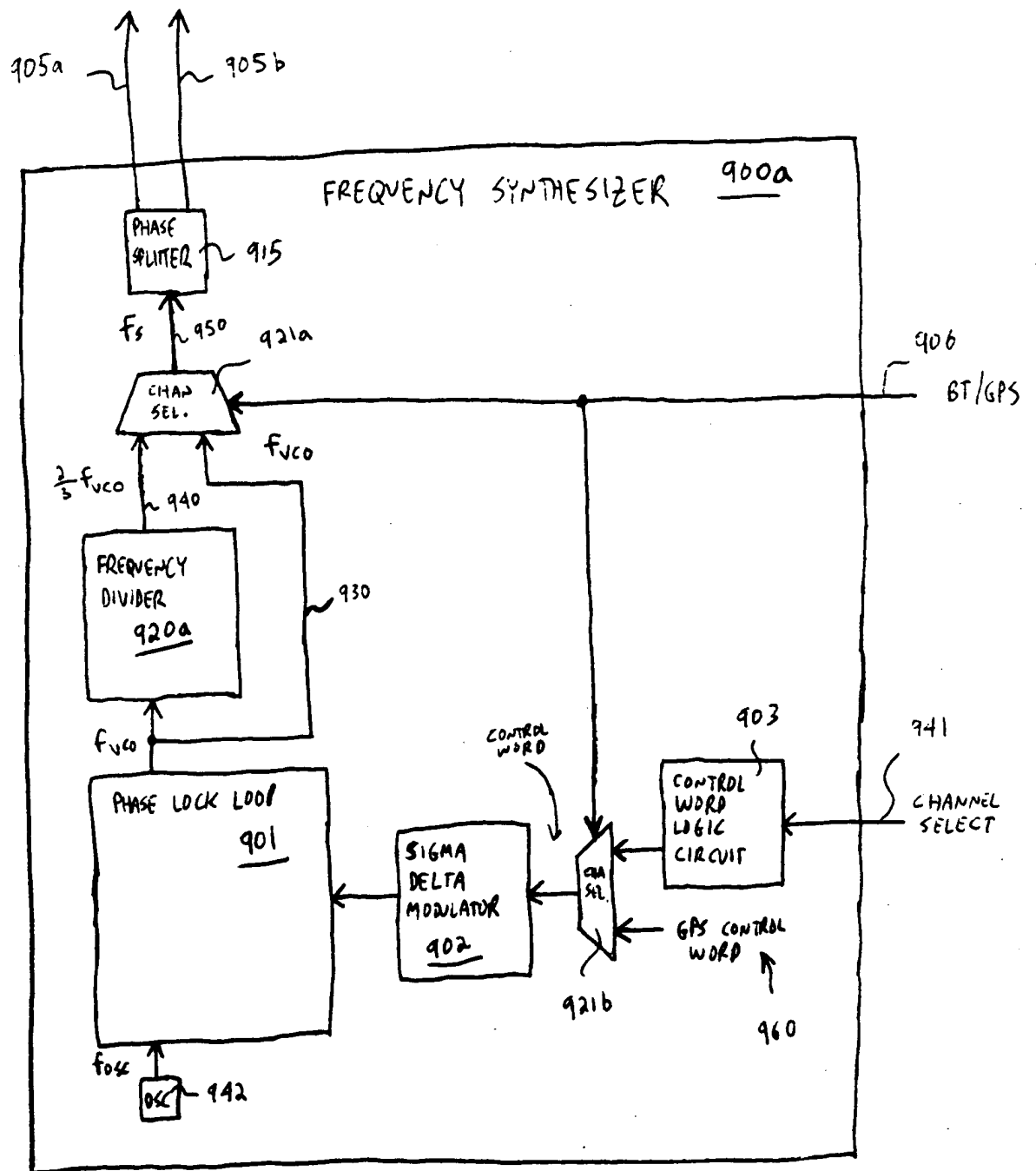


FIGURE 9a

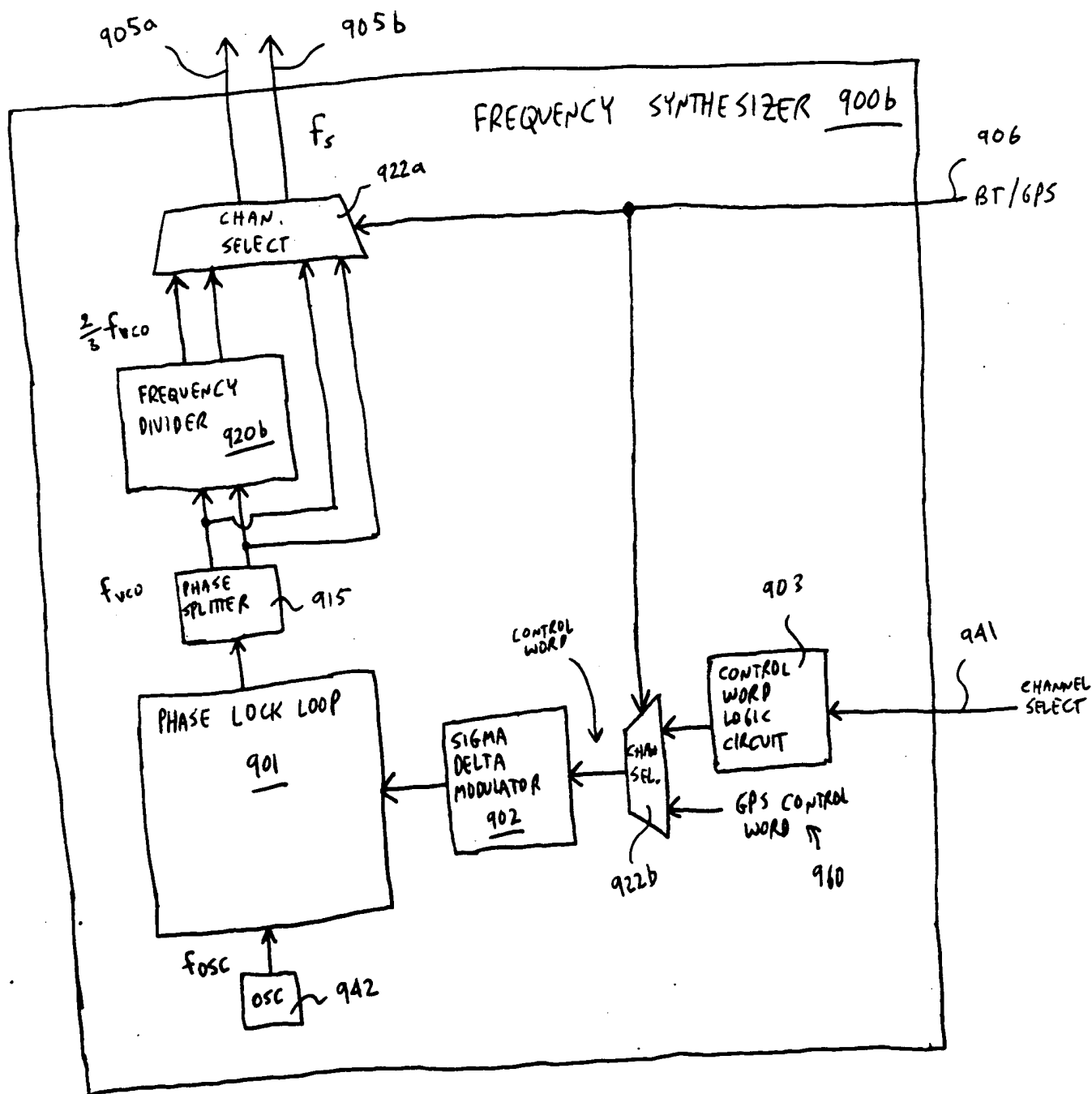


FIGURE 9B

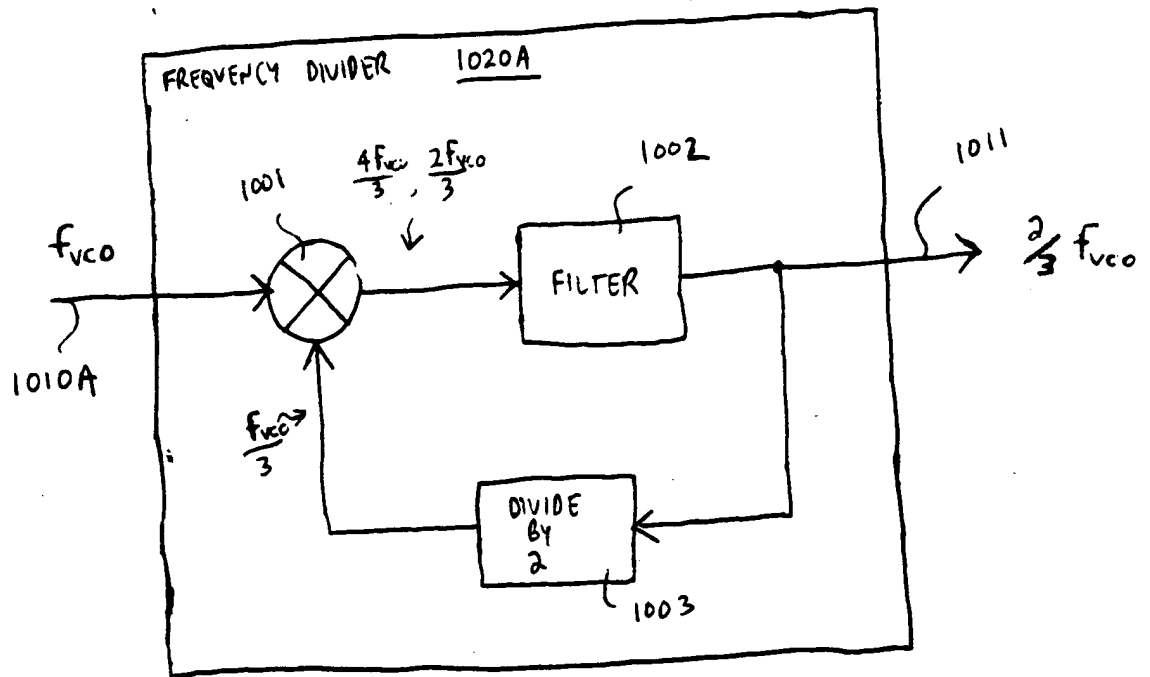


FIGURE 10A

00720753-120400

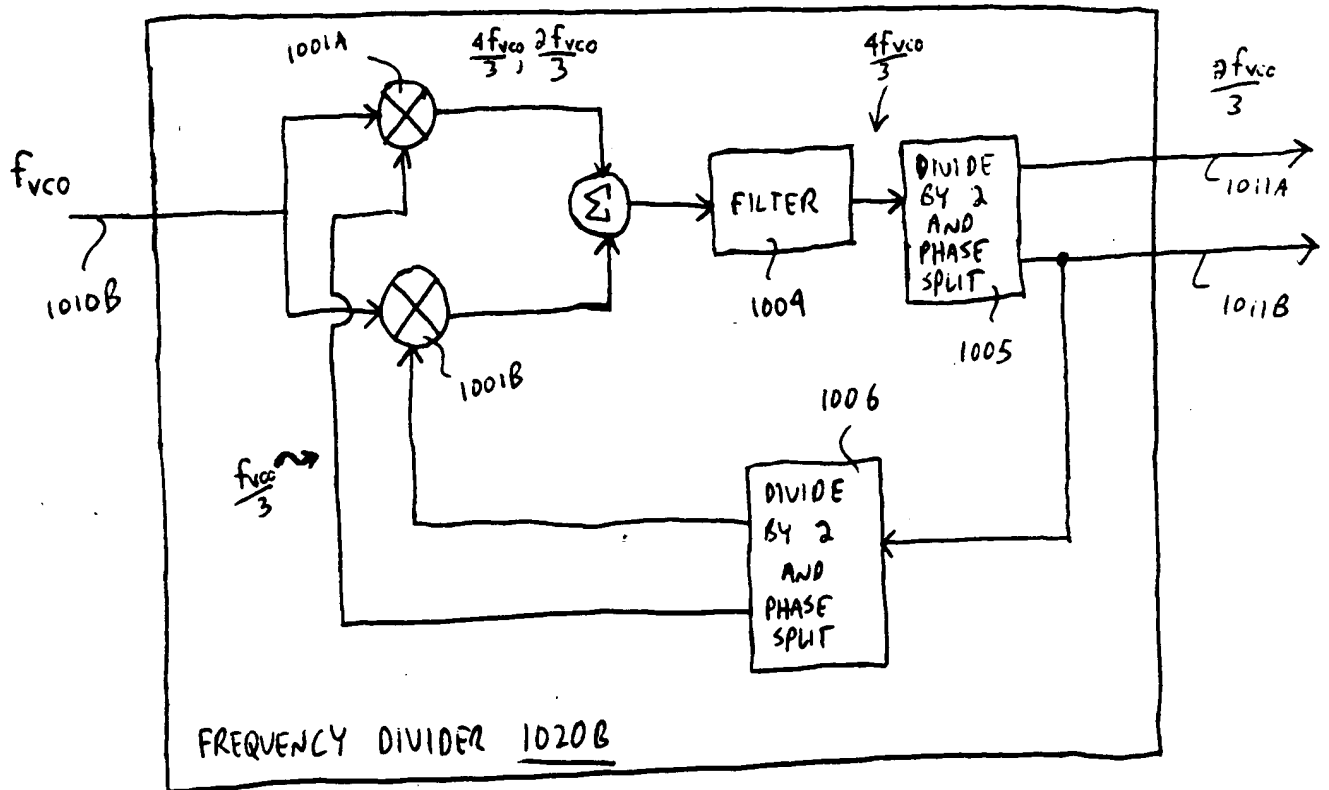


FIGURE 10B